

Name: _____

Date: _____

Conductor and insulator scenarios

Write letters back to Ben and Canan. Try to make your responses as detailed as possible. Use and explain the key words '*conductor*' and '*insulator*' in your answers.

Scenario 1:

Dear Scientist,

Sometimes my bread gets stuck in the toaster and I can't get it out. My mum says that I should never use a knife to try and lift the bread out. Why is using a knife to pull the bread out of the toaster dangerous? What could I use instead?

WB,

Ben



Scenario 2:

Dear Scientist,

My friend told me that if someone is being electrocuted by a live wire that I should use a wooden stick to move the live electric wire away from them. Why is a wooden stick good for moving the electric wire? Why can I not just use my hand to move the electric wire away from them?

WB,

Canan

